ANYUKHOVSKAYA, M.P.

Colposcopy in the diagnosis of early stages of cancer.of the cervix uteri. Edravookhraneniye 6 no.2:42-43 Mr-Ap'63.
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1. Is rodil'nogo doma g. Tiraspolya (glavnyy vrach M.P. Anykhovskaya).

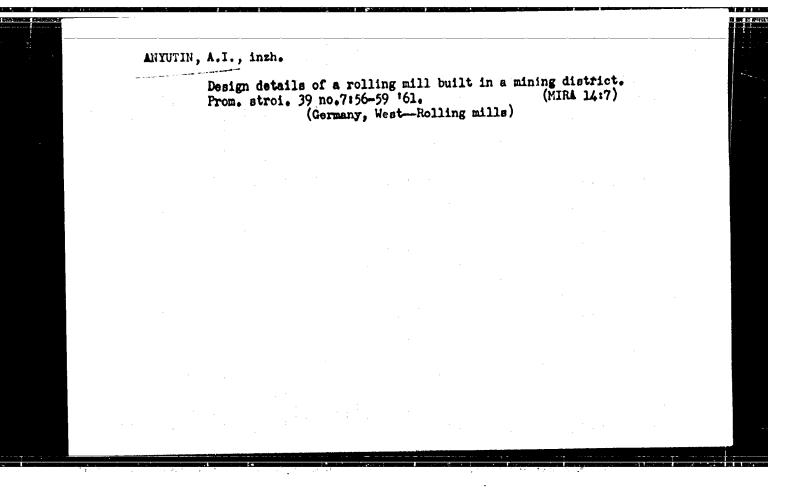
ANYUKHOVSKIY, A.S.							
C	ysts of the	stomach.	Zdravool	chranemie 5 r	10.1:62-63 Ja	_F 1(2. (иги, 15:4)	
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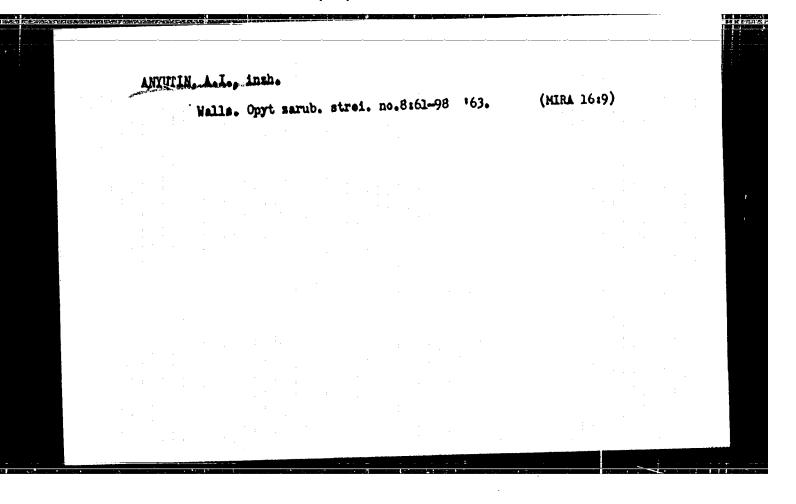
ANYUSHKIN, Ye.S.; IVANOV, S.Z.

Dictionary of starch manufacture terms in ten languages.
Sakh. prom. 37 no.10:52-53 0 '63. (MIRA 16:12)

ANYUSHKIN, Ye.S.; IVANOV, S.Z.

Periodicals on sugar manufacture. Sakh.prom. 38 no.1:77 Ja '64.
(FIRA 17:2)





ACC NR: AP6031065 SOURCE CODE: UR/0143/66/000/008/0117/0120

AUTHOR: Anyutin, A. N. (Engineer); Griga, A. D. (Engineer); Kovalevskiy, V. V. (Engineer); Yershov, V. N. (Docent)

ORG: Kharkov Aviation Institute (Khar'kovskiy aviatsionnyy institut)

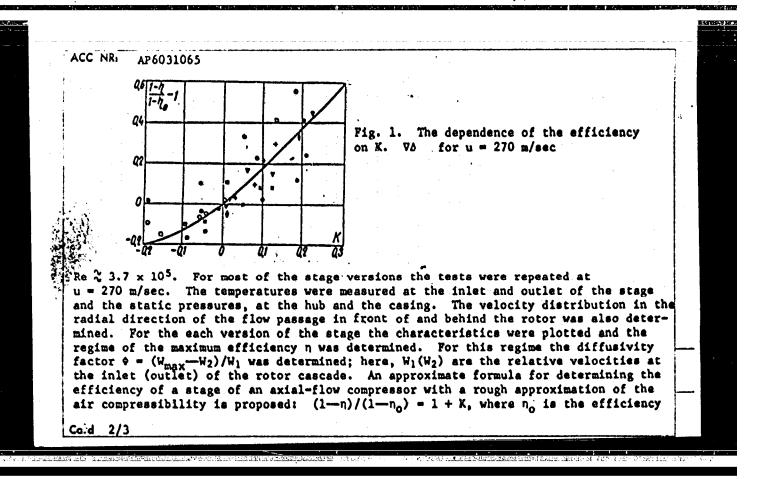
TITLE: The effect of a decrease in axial velocity in a compressor stage on its efficiency

SOURCE: IVUZ. Energetika, no. 8, 1966, 117-120

TOPIC TAGS: axial compressor, compressor efficiency, compressor stage, compressor stage model, axial flow compressor, flow modely

ABSTRACT: Due to the lack of data on the subject, an experimental investigation was made of the effect of a reduction of the axial velocity in the flow passage of an axial-flow compressor on its efficiency. The basic tests were performed on a K-50-1 stage model at the TSKTI. The axial-flow velocity was changed by varying the shape of the flow-passage cross section so that its ratios of inlet-to-outlet cross-section areas were $F_2/F_1 = 0.92$, in 1.00, and 1.10. The angles of the rotor-blade setting (at the middle of their heights) were $27^{\circ}40^{\circ}$, $32^{\circ}40^{\circ}$, and $37^{\circ}40^{\circ}$; this permitted the testing of nine versions of the model stage. The angles of the inlet and intermediate guide vanes were $15^{\circ}30^{\circ}$ and $32^{\circ}30^{\circ}$ and were not changed during the investigation. The circumferential velocity of the blade tips was u = 200 m/sec at a Reynolds number

Card 1/3 UDC: 542.78



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compressor sta the equation (ices) are plotted in a diagram	parameter depending on the blade geometr (with added characteristics of six other in which the solid curve corresponds to 6 K ² (see Fig. 1). This equation is recommended for xial flow velocity on the efficiency of ures and 1 formula. [WA-76]
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S/124/62/000/012/008/009 D234/D308

AUTHOR:

Anyutin, A.N.

TITLE:

Distribution of circulation along the turbine blade

in the presence of a radial gap

PERIODICAL:

Referativnyy zhurnal, Mekhanika, no. 12, 1962, 30, abstract 123164 (Tr. Khar'kovsk. aviats. in-ta.

1960. no. 20, 49-65)

TEXT: In the usual formulation, the author considers secondary flows in a stream of a viscous incompressible liquid flowing around an isolated plate and a rectilinear grid of plates, enclosed between two parallel walls with a gap between them. Approximate expressions are obtained for the circulation distribution along the plate height.

Abstractor's note: Complete translation_

Card 1/1

S/147/61/000/001/009/016 E194/E184

26.2/20 AUTHORS:

Yershov, V.N., and Anyutin, A.N.

TITLE:

Influence of the Radial Gap on the Boundary of Stable

Operation of the Stages of an Axial Compressor

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy,

Aviatsionnaya tekhnika, 1961, No. 1, pp. 82-86

TEXT: Investigations at the TsKTI and elsewhere have shown that increasing the radial gap in axial stages of turbocompressors displaces the boundary of stable operation towards higher flows. It is often assumed that this is a general law but studies of instability effects cast doubt on this. The present article gives results of experimental investigations of the influence of the radial gap on the position of the boundary of stable operation of a stage of an axial compressor. The tests were made on a stage very similar in geometry to a stage K-50-1 (K-50-1) but with some difference in the shape of the symmetrical profile and with greater angles of blade installation. The blades were laminar with rounded inlet and sharpened exit edges; the curvature corresponded to within 1 to 2° of that of the mean line Card 1/4/

S/147/61/000/001/009/016 E194/E184

Influence of the Radial Gap on the Boundary of Stable Operation of the Stages of an Axial Compressor

The tests were made on of blade K-50-1 at the various radiuses. a stage with a runner diameter of 480 mm with peripheral speeds of the order of 70 m/sec. The boundary of unstable operation was taken as that corresponding to the commencement of rapid increase of pulsation of static pressure in the flow with reduction in the flow and was measured by a capacitative pressure pick-up. The pick-up output was applied to a bridge: the bridge out-of-balance current was amplified and rectified and applies to a mirror galvanometer from which the mean energy of pulsation E could be read. In addition to measuring the energy of pulsation of static pressure, measurements were made of the total head over the stage and the air flow through it. The apparatus was prepared by Engineers Ye.P. Butenko and G.V. Pavlenko of the Kafedra lopastnykh i prikladnoy gazovoy dinamiki, Khar'kovskogo Aviatsionnogo Instituta (Department of Bladed Engines and Applied Gasdynamics, Khar'kov Aviation Institute). Fig.1 shows variations in the energy pulsation and in stage head as function of flow for various Card 2/

S/147/61/000/001/009/016 E194/E184

Influence of the Radial Gap on the Boundary of Stable Operation of the Stages of an Axial Compressor

radial gaps. The solid line corresponds to 8 m 0.5 + 0.6 mm; the dotted line to $\delta = 1 \pm 0.05$ mm; the chain dotted line to δ = 2 ± 0.05 mm; and the chain dotted line with two dots to The graph clearly shows the extension of the region of $\delta = 4 \text{ mm}$. stable operation as the radial gap is increased. Fig. 2 shows the change in the boundary of stable operation for different values of The experimental results show that care must be used radial gap. in assuming that the boundary of stable operation is always displaced towards greater flows when the radial gaps in the stages of an axial compressor are increased. The experimental results do not contradict the possibility that increase in the radial gap promotes formation of more intense annular vortexes at the ends of the blades, thus increasing the axial speeds and consequently reducing the angles of attack. Fig. 3 shows the distribution of axial velocity beyond the runner blade of a compressor stage as function of the radial gap. The spatial motion due to flow through the radial gap promotes smooth flow over the end sections Card 3/\$

S/147/61/000/001/009/016 E194/E184

Influence of the Radial Gap on the Boundary of Stable Operation of the Stages of an Axial Compressor

Fig. 4 shows the distribution of total heads over of the blades. a flat compressor blade near to the gap; it clearly shows the reduction in profile losses in the presence of a radial gap.
Note should be made of the appreciable reduction at the periphery of the angle of absolute relacity at output from the runner (see Fig. 5), which may lead to the formation of a moving breakaway zone on the blades close to the guide vanes. This graph shows change in the direction of absolute speed at discharge from the runner of This graph shows change the compressor for various farth. On the basis of further and more strict consideration it may be assumed that the radial gap influences the position of the boundary of attable operation differently depending upon the special aerodynamic features of the stage.

There are 5 figures and 4 Soviet references.

Card 4/8

Kafedra gazotermodinamiki i reaktivnykh dvigateley ASSOCIATION:

Khar'kovskiy aviatsionnyy institut

(Department of Gas Thermodynamics and Jet Engines,

Khar'kov Aviation Institute)

29262 S/143/61/000/009/003/006 D224/D305

26.2120 AUTHOR:

Anyutin, A. N., Engineer

TITLE:

The influence of the radial gap on the behavior of a

stage of an axial compressor

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Energetika,

no. 9, 1961, 55-61

TEXT: The radial gap between the peripheral faces of the blades of an axial compressor and the frame considerably distorts the distribution of the field of velocities. There is an increase in losses in the stage due to overflow and deterioration of the flow past the directing device behind the rotor. The author has derived an expression for the circulation of the flow $\Gamma_{\rm X}$ at any cross-sec-

tion of the blade and gives analyses of the hydrodynamic motion of the flow behind the blade stage. The coordinates of the vortex on the dorsal side of the blade are determined. Derived expressions were checked by the author experimentally with a good approximation. The process of overflow at comparatively small gaps is re-

Card 1/10 9

X

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presented as a function of volume flow of gas per unit length of the gap q_g and vortex circulation Γ_v (on the dorsal side), and also of the flow q (on concave side of the blade)

$$q_g = \theta - \frac{2 \Gamma_0 w_m}{2 \Gamma_0 w_m}$$

With reference to Figs. 1 and 2, for small gaps the circulation is

$$\Gamma_{\rm v} \simeq 4q$$
 (3)

where q - intensity of the source. At $\frac{L}{t_1}>2$ the circulation along the blade taking into account the radial gap -

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The influence of the radial gap ... D224/D305

$$\Gamma_{x} = \Gamma_{0x} + \frac{2\delta}{\pi} \sqrt{\frac{2\Gamma_{0}}{b\zeta}} \frac{w_{m}}{b\zeta} \left\{ \ln\left(th^{2} \frac{\pi x}{2t_{1}} - \frac{\pi^{2}\delta^{2}}{8t_{1}^{2}} \right) - \frac{\pi t_{1}}{4L} + 4 \operatorname{arctg} \left[\frac{\pi \delta}{t_{1}} \right]^{2} - \frac{ch}{\frac{\pi x}{t_{1}}} \right\}$$

$$\frac{ch}{sh^{2}} \frac{\pi x}{\frac{\pi x}{t_{1}}}$$

$$(4)$$

The circulation at the end of the blade Γ δ is given by

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$$\Gamma_{\delta} = \Gamma_{0\delta} + m - \sqrt{2\Gamma_{0\delta}m + m^2} \tag{5}$$

where

$$m = \left\{ \frac{4\delta}{r} \left[\ln \frac{r\delta}{t_1} \frac{r\delta}{8L} + 0.531 \right] \right\}^2 \frac{w_m}{b\zeta}$$
 (6)

The derivation of the flow behind the stage is found from

$$\Gamma_{\mathbf{x}} = \Gamma_{\mathbf{x} \ \mathbf{0T}} = \mathbf{t}_{\mathbf{x}} (\mathbf{w}_{\mathbf{1u}} - \mathbf{w}_{\mathbf{2u}})_{\mathbf{x}} \tag{7}$$

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The influence of the radial gap ... 5/143/61/000/009/003/006
D224/D305

Denoting the circulation at the root of the blade by Γ_{L} the circulation at any cross-section is

$$\Gamma_x = \Gamma_L - (\varphi_H - \varphi_B)_L + (\varphi_H - \varphi_B)_x$$

The calculation of the resulting circulation of the vortex layer on the dorsal side of the blade in the interval x-L is substituted by calculation of the deviation of the flow at cross-section x compared with that at cross-section L. If in interval x-L there

$$\oint \overline{v} d\overline{z} = 0 (z = x + iy)$$
abcda

Card 5/10 9

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from which it is derived that

$$\int_{a}^{b} v_{y} dy + \int_{c}^{d} v_{y} dy = \int_{b}^{c} v_{x} dx + \int_{d}^{a} v_{x} dx;$$

$$(\varphi_{H^{-}}\varphi_{B})_{x} - (\varphi_{H^{-}}\varphi_{B})_{L} = (\varphi_{L^{-}}\varphi_{x})_{B} - (\varphi_{L^{-}}\varphi_{x})_{H}$$

and

$$\Delta \Pi_{\mathbf{x} = \mathbf{0}} = \Delta \Pi_{\mathbf{x}}$$
 (8)

If the vortex is limited to the contour a, b, cda (Fig. 2), then

Card 6/ 9 9

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\$\frac{1}{3}\frac{6}{1}\frac{1}{000}\frac{009}{003}\frac{9}{006} \text{D}\tau 24\frac{1}{2}\text{D}\text{D}\text{S}\text{5}

$$\oint_{\mathbf{a_1b_1cda_1}} \overline{\mathbf{v}} \, d\overline{\mathbf{z}} = \Gamma_{\mathbf{v}}$$

Whence

$$\Delta \Gamma_{x \text{ OT}} = \Delta \Gamma_{x} + \Gamma_{B}$$
 (9)

The coordinates of the vortex x_v are found from the equation of the moment of the quantity of motion related to the volume limited by cross-sections 1 and 2. Denoting by R_u the peripheral component of the lifting force on the blade $R_u = \rho \ c_{ma}/k$, substituting for

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the values of R_u for $vR < r < R-x_v$ and for $R-x_v < r < R-d$, the coordinate x_v of the vortex fisfound from the derived expression

$$x_v - \delta = \frac{b}{16} \frac{(c_{ma})_{\delta}}{(c_{ma})_{cp}} \sqrt{c_{yo}S} - \sqrt{\frac{r_{\delta}}{r_{o\delta}}}$$
(13)

It was found experimentally that the center of the vortex at small gaps is about 0.05 b from the end of the blade. Given in the article are characteristics of the comparison of the calculated and experimental distribution of the flow circulation. The author concludes that the influence of the radial gap has to be taken into account when designing the profile of the blades, and that the suggested method gives a good approximation of the theoretical calculations to the experimental results. There are 6 figures and 6 Soviet-bloc references.

Card 8/ 6 9

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9262 S/143/61/000/009/003/006 D224/D305

ASSOCIATION: Khar'kovskiy aviatsonnyy institut (Khar'kov Aviation Institute)

SUBMITTED:

July 21, 1960

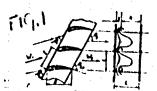


Fig. 1

Position of the plane for calculation of the flow

Card 9/10 9

ACC NR. AP6031065

SOURCE CODE: UR/0143/66/000/008/0117/0120

AUTHOR: Anyutin, A. N. (Engineer); Griga, A. D. (Engineer); Kovalevskiy, V. V. (Engineer); Yershov, V. N. (Docent)

ORG: Kharkov Aviation Institute (Khar'kovskiy aviatsionnyy institut)

TITLE: The effect of a decrease in axial velocity in a compressor stage on its

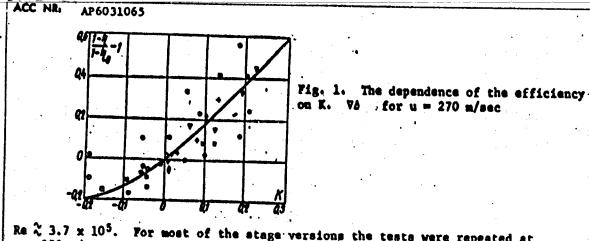
SOURCE: IVUZ. Energetika, no. 8, 1966, 117-120

TOPIC TAGS: axial compressor, compressor efficiency, compressor stage, compressor stage model, axial flow compressor, flow modely

ABSTRACT: Due to the lack of data on the subject, an experimental investigation was made of the effect of a reduction of the axial velocity in the flow passage of an axial-flow compressor on its efficiency. The basic tests were performed on a K-50-1 stage model at the TsKTI. The axial-flow velocity was changed by varying the shape of the flow-passage cross section so that its ratios of inlet-to-outlet cross-section areas were $F_2/F_1 = 0.92$, in 1.00, and 1.10. The angles of the rotor-blade setting (at the middle of their heights) were $27^{\circ}40^{\circ}$, $32^{\circ}40^{\circ}$, and $37^{\circ}40^{\circ}$; this permitted the testing of nine versions of the model stage. The angles of the inlet and intermediate guide vanes were $15^{\circ}30^{\circ}$ and $32^{\circ}30^{\circ}$ and were not changed during the investigation. The circumferential velocity of the blade tips was u = 200 m/sec at a Reynolds number

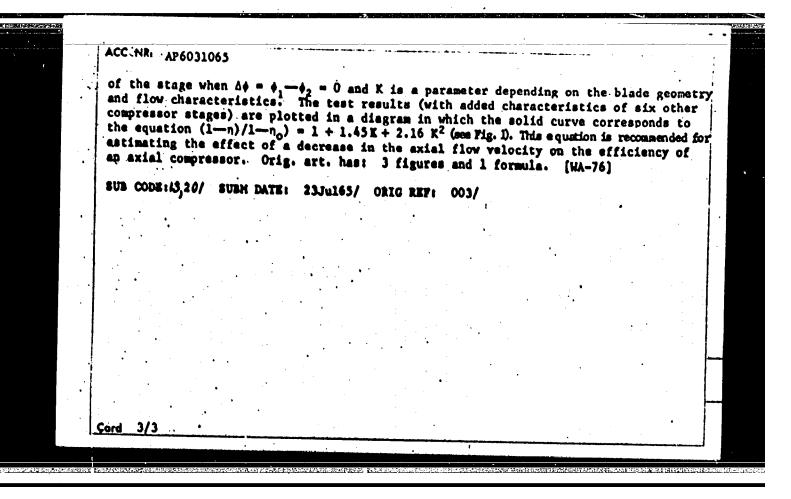
Cord 1/3

UDC: 542.78



Ra $\stackrel{\sim}{\sim} 3.7 \times 10^5$. For most of the stage versions the tests were repeated at u=270 m/sec. The temperatures were measured at the inlet and outlet of the stage and the static pressures, at the hub and the casing. The velocity distribution in the radial direction of the flow passage in front of and behind the rotor was also determined. For the each version of the stage the characteristics were plotted and the regime of the maximum efficiency η was determined. For this regime the diffusivity factor $\phi = (M_{\text{max}} - W_2)/W_1$ was determined; here, $W_1(W_2)$ are the relative velocities at the inlet (outlet) of the rotor cascade. An approximate formula for determining the efficiency of a stage of an axial-flow compressor with a rough approximation of the air compressibility is proposed: $(1-\eta)/(1-\eta_0) = 1 + K$, where η_0 is the efficiency

Caid 2/3



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·	(Rockets	(Ordnance))	(Trajectories)	(MIRA 1417)		
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KHOROSHAYA, Ye.S., kand. khim. nauk; KOROL'KOVA, K.D., mladshiy nauchnyy sotrudnik; AL'TZITSER, V.S., mladshiy nauchnyy sotrudnik; Prinimali uchastiye; YELISEYEVA, L.I.; ANYUTINA, N.S.; TUGOV, I.I.; SHAKHNINA, L.V.

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ANYZ, Frantisck

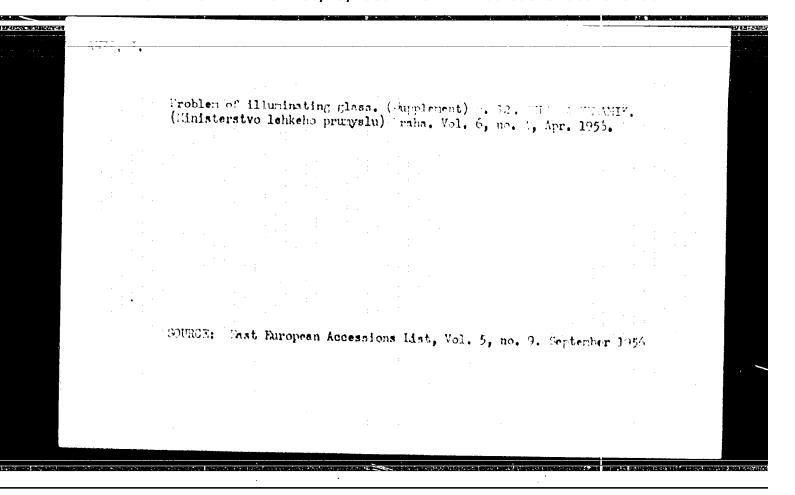
Measurement of the water content of fogs in industrial areas. Studia geophys 8 no.4:395-404 64.

1. Institute of Atmospheric Physics, Prague 4 - Sporilov, Bocni II.

ANY2, Frantisek

Measurement of the concentration of flying dust in the Most area and its importance in meteorology. Meteor sprayy 18 no.1:9-14 F 165.

1. Institute of Atmospheric Physics of the Csechoslovak Academy of Sciences, Prague.



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(HUMERUS, fract.
lower epiphysis in child, review (Pol))

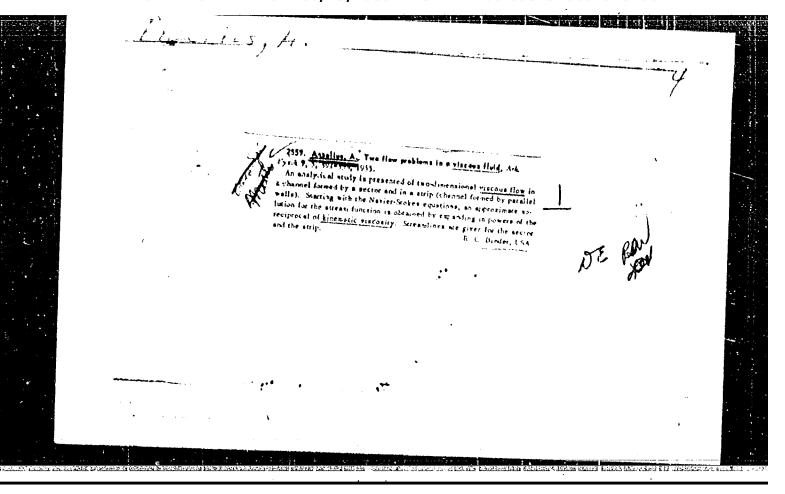
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Macksmiths of their own life.

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Monthly Index of Fast European Accessions (EFAI) LC. Vol. 7, no. 2, February 1958

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Plant protection in Podolia. Zashoh.rast.ot vred.i bol. 5
no.313-6 Mr '60.

1. Glavnyy agronom po sashchite rasteniy Khmel'nitskogo
oblastnogo sel'skokhosyaystvennogo upravleniya (for Anshan).
2. Starshiy agronom sektora alushby ucheta i prognosov
Khmel'nitskogo oblastnogo sel'skokhosyaystvennoog upravleniya
(for Pyatetskiy).

(Podolia—Plants, Protection of)

DYL'NOV, M. S.; ANZHAROVSKIY, A. T.; ZUBOV, P. I.

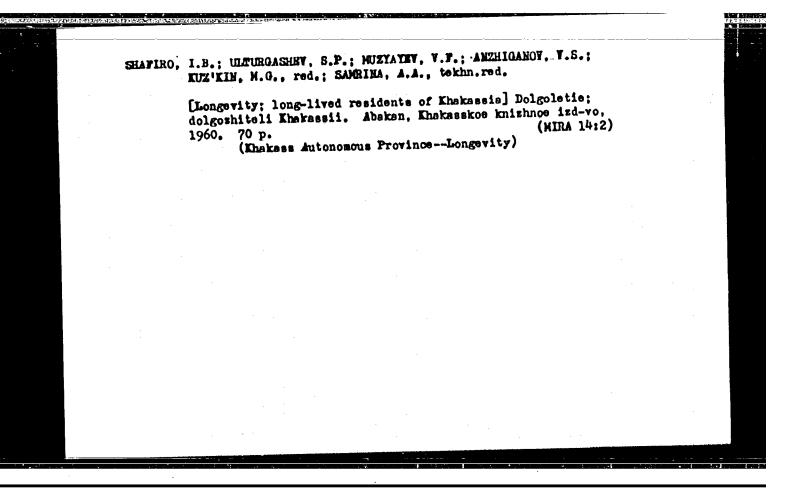
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1. Institut fizicheskoy khimii AN SSSR. Predstavleno akademikom V. A. Karginym.

KYANDARYAN, K.A.; ANZHELOV, L.G.

Thoracoabdominal and abdominal displacements of the heart. Izv. AN Arm. SSR. Biol. nauki 14 no.1:87-90 Ja '61. (MIRI 14:3)

1. Institut rentgenologii i onkologii AN Armyanskoy SSR : Institut akusherstva i ginekologii Minzdrava Armyanskoy SSR. (HEART—DISPLACEMENT)



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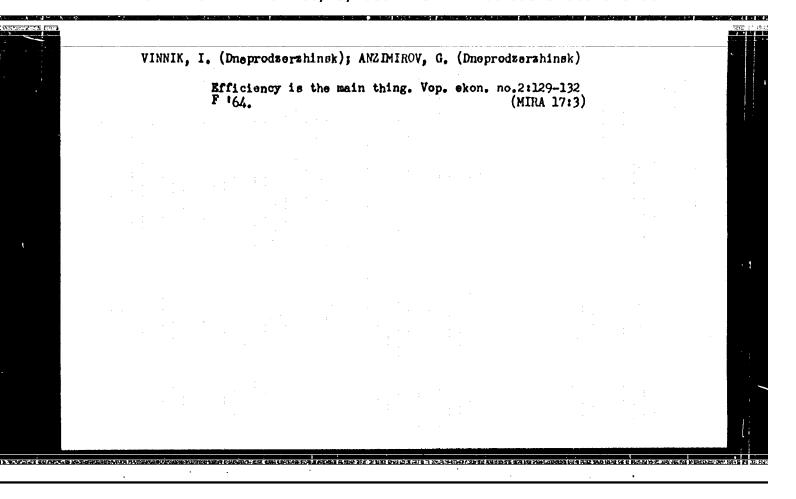
1. Chleny Nr ano-tekhnicheskogo obshchentva Dneprodzerzhinskogo koksokhimicheskogo savoda.

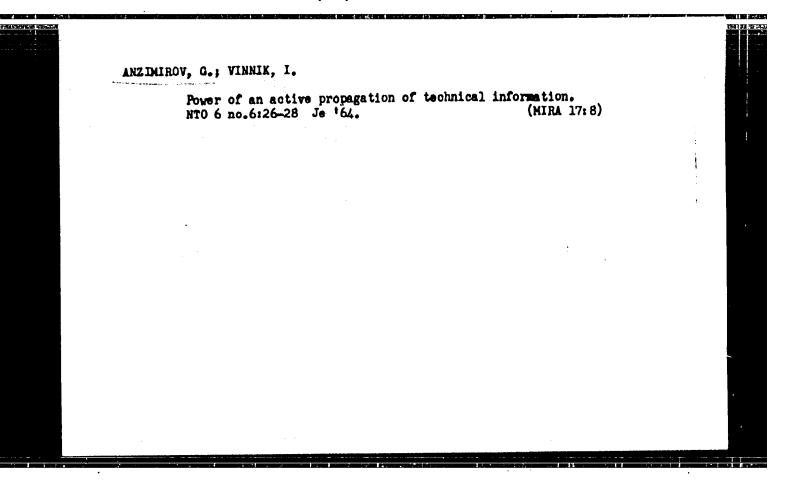
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VINNIK, I.; ANZINIROV, G. ekonomist

Schools of progressive practice in a communist labor plant. Sots. trud 8 no.5:108-115 My 163. (MIRA 16:6)

1. Starshiy inshener proisvodstvenne-tekhnicheskogo otdela Dneprodsershinskogo keksekhimicheskogo saveda (for Vinnik). (Dneprodsershinsk--Goke industry---Technological immovations)





MENIOVICH, Boris Iosifovich; VINNIK, Isaak Sholomovich; ANZIMIROV,

Georgiy Gur'ysvich; SKLOVSKAYA, A.A., otv. red.; KACHALKINA,

Z.I., red. izd-va; OVSEYENKO, V.G., tekhn. red.; IL'INSKAYA,

G.M., tekhn. red.

[Concentrating mill of the Dneprodsershinsk Coke Chemical Plant, an enterprise of communist labor] Obogatitel'nnia fabrika Dneprodsershinskogo koksokhimzavoda - predpriiatie kommunisticheskogo truda. Moskva, Gosgortekhizdat, 1963. 103 p. (MIRA 16:7)

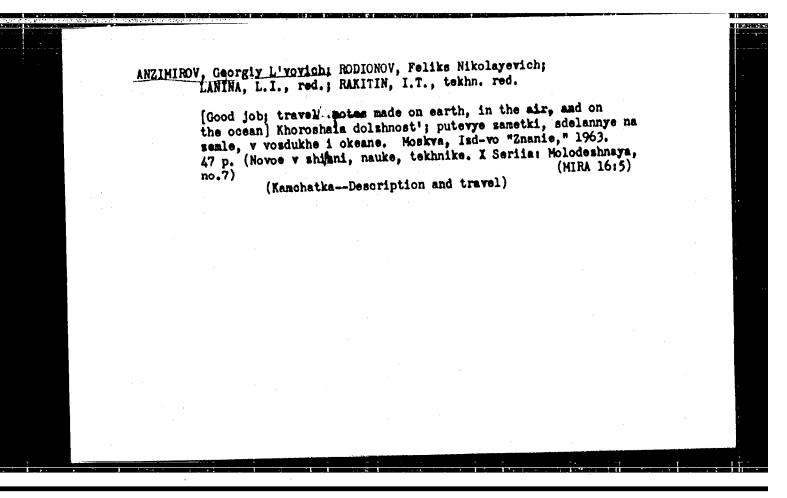
(Dneprodzershinsk-Coal preparation)

QOLOSOVSKIY, Igor' Mikhaylovich; ANZIMIROV, Georgiy L'vovich; DUEROVSKIY, Yu.N., red.; HAZAROVA, A.S., tekhn.red.

[The star age] Zvezdnyi chas mira. Moskva, Izd-vo "Znanie," 1961. 44 p. (Vsezoiuznoe obshchestvo po rasprostraneniu politicheskikh i nauchnykh znanii. Ser.10, Molodezhnaia, no.7)

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Slesarno-svarochnye prisposobleniia v samoletostroenii. Moskva, Oborongiz, 1949. 311 p., illus.

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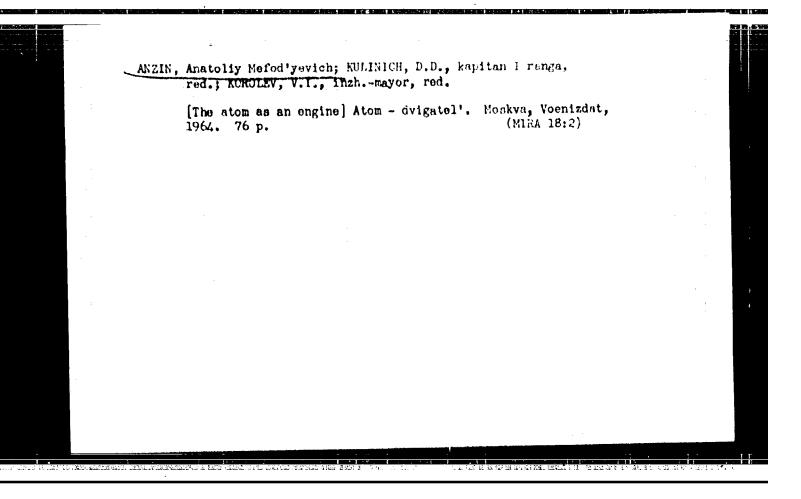
Title tr. : Fitting and welding equipment in aircraft construction

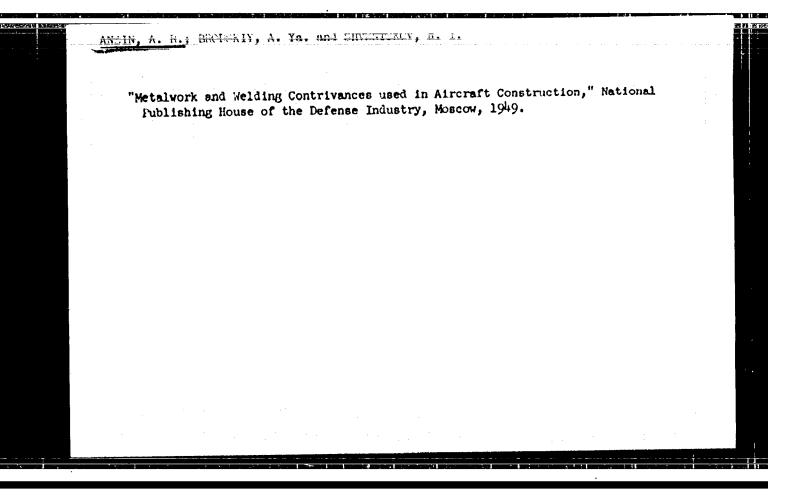
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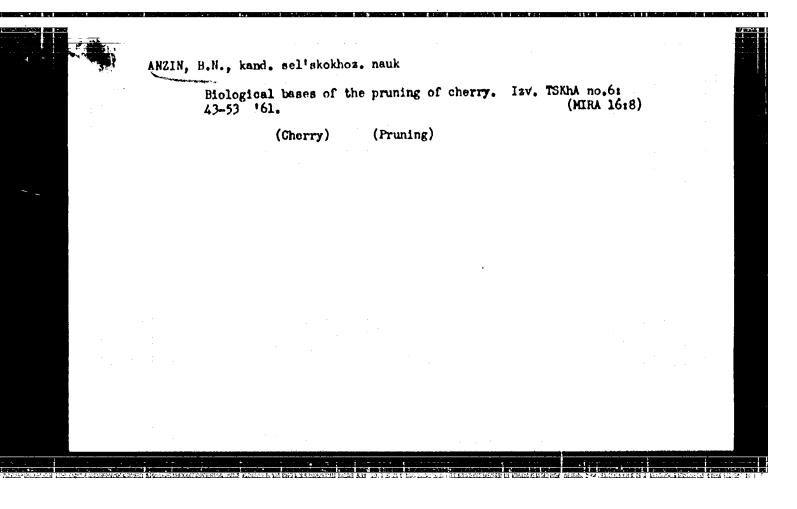


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[Pruning fruit trees and berry bushes for the Central U.S.S.R.]
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IEd.2. [Moskva] Mosk, rebochii, 1956. 138 p. (MIRA 11:10)

(Pruning) (Fruit culture)



SOURCE CODE: UR/0365/66/032/006/0686/0691 AUTHOR: Shalyafirner, A. M.; Degtyareva, R. A.; Pimenov, A. F.; Alyshava, Ye. I.; Yorakov, V. I.; Lifanov, V. F.; Ansin, G. N. CG: Hoscow Institute for Steels and Alloys (Moscowskiy institut stali 1 splayov); * Cuntral Research Institute for Ferrous Metals (Tsentral'nyy nauchno-issledovatel'skiy institut chornykh metallow); Novolipetskiy Metallurgical Plant (Novolipetskiy motallurgicheskiy savod) TITIS: Internal oxidation of steel with 34 silicon SOURCE: Zashchita metallov, v. 2, no. 6, 1966, 686-691 TOPIC TAGS: metal oxidation, silicon steel, hot rolling ABSTRACT: The article reports a study of the oxidation and decarbonization of steel with 3% silicon and 0.05% carbon in the process of hot rolling in an industrial unit, and of decarbonising annealing (in the presence of scale) in industrial electric furnaces. Steel strips were hot rolled to a thickness of 2.5 mm. In rolling, the initial oxidation temperature was maintained at 940 ± 10°. The total length of the discharge table was 30 meters; in the last 30 meters the strip was cooled rapidly with water and was in an atmosphere of steam. After this, the strip was coiled and the air supply was out sharply. The average cooling rate of the strip on the table, under VDC: 620.193.5 Cord 1/2

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	different rolling conditions, varied only slightly and was from 19-23 degrees/sec.	
	The total oxidation time and the temperature of the strip before coiling were varied	
	by changing the rolling rate. The temperatures of the strip before water cooling and	
	before coiling were measured with an optical pyrometer and were recorded automatically. The coils were cooled in air over a period of 24 hours. Data on the values of the two	
	showementianed temperatures and on the time of the exidation process are presented in	
	table. Bread on the experimental data, a table shows the effect of hot rolling	
	conditions on the formation of scale and on the rate of stching after annualing. In	
	the manustion of steel it is necessary to take certain measures which limit the	
	process of internal oxidations 1) the exit temperature of the strip should be lowered	
	to 900° and the temperature of coiling up to 590-600°, because of the effect of the increase of the cooling rate under the influence of the blowing system; 2) the	
	exidation time of the metal on the discharge table should be shortened by increasing	
	the molling mate, 3) the heating rate and the temperature in decarbonization annealing	
	inhould be increased; this leads to more favorable conditions for the exidation of	
	carbon, compared to the oxidation of silicon. Orig. art. has: 4 figures and 3 tables.	
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TAKIBAYEV, Zh.S.; CHASNIKOV, I.Ya.; SHAKHOVA, TS.I.; ANZON, Z.V.

Two-prong stars formed in inelastic pp-interactions at 9 Bev.

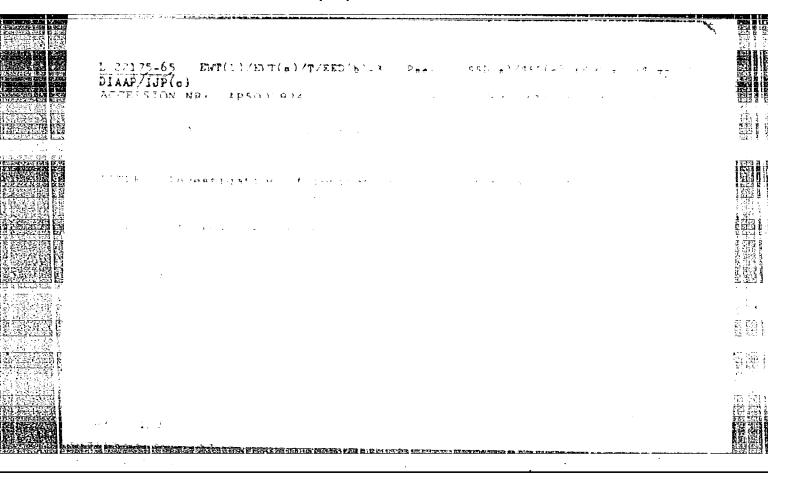
Trudy Inst. iad. fiz. AN Kazakh. SSR 6:94-100 '63.

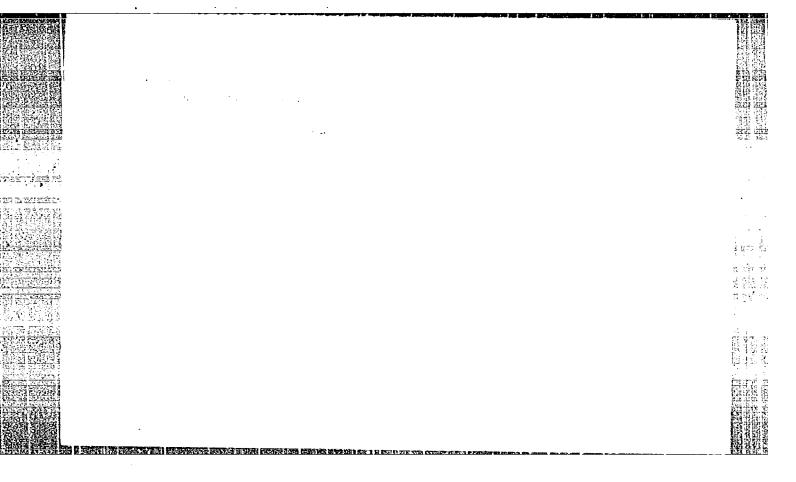
(MIRA 16:10)

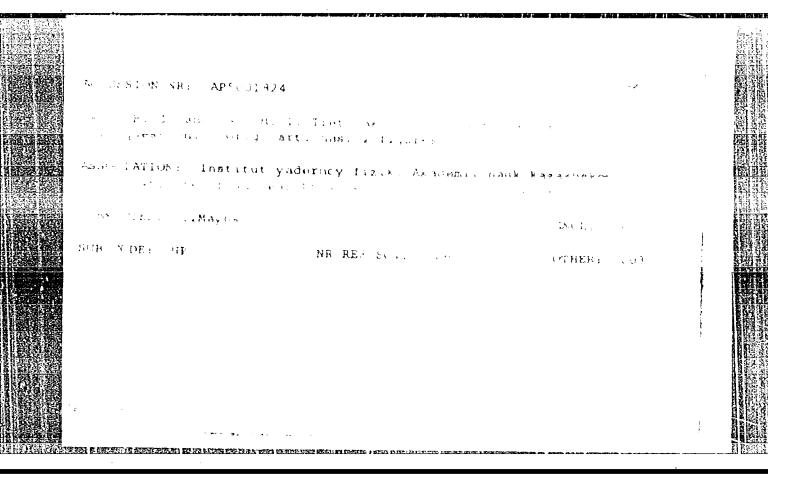
CHASNIKOV, I.Ya.; ANZON, Z.V.; TAKIBAYEV, Zh.S.; STREL'TSOV, I.S.

Identification of particles by the photographic emulsion technique. Zhur. eksp. i teor. fiz. 45 no.2:29-37 Ag '63. (MIRA 16:9)

1. Institut yadernoy fisiki AN Kasakhskoy SSR.
(Photography, Particle track)







ANZULATO, C., ing.

On the selection of the types of ships suitable to the merchant marine of Rumania. Rev transport 9 no.1:12-20 Ja '62.

SLIVNIK, J.; BRCIC, B.; VOLAVSEK, B.; SMALC, A.; FRLEC, B.; ZEMLJIC, R.; AMZUR, A.; VEKSLI, Z.

On the synthesis of, and magnetic measurements on, xenon tetrafluoride. Croat chem acta 34 no.3:187-188 162.

1. "Jossef Stefan" Institute for Nuclear Research, Ljubljana, Slovenia, Yugoslavia (for Slivnik, Brcic, Volavsek, Smale, Frlee, Zemljie, and Ansur.) 2. Institute "Ruder Boskovie", Zagreb, Croatia, Yugoslavia (for Veksli).

AUTOMI, C. ; COMLATEANU, V.

Contribution to the calculation of a dynamo with dire ct current, with several excitation winding. In French. p. 57.
(REVUE D'ELECTROTECHNIQUE ET D'ENERGETIQUE. RUMANIA. Vol. 1, no. 1, 1956.)

SO: Monthly List of Best European Accessions (BEAL) IC, Vol. 6, no. 7, July 1957. Uncl.

APA, L.

Malleable titanic manganous cast iron. p. 7. TEHNICA NOUA.

(Asociatia Stiintifica a Inginerilor si Tehnicienilor) Pucuresti.

Vol. 3, no. 40, Mar. 1956.

So. East European Accessions List Vol. 5, No. 9 September, 1956

AFA, L.

AFA

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APA, L.

APA, L. The technology of melting malleable cast iron and aspects of its development in Rumania. p. 47.

Vol. 8, no. 12, Dec. 1956 METALURGIA SI CONSTRUCTIA DE MASINI. TECHNOLOGY RUMANIA

So; East European Accession, Vol. 6, No. 5, May 1957

A2A, I.

The influence of the chemical composition on the mechanical properties of map ply from.

P. 573 (STANDARDICA WA) (Sucure et a. Rumania) Vol. 2. no. 11, Nov. 1977

30: Northly Index of East European Accessions (IDAT) 10 701. 7, No. 9, 1959

ACC NR. AP6021194 RU/0017/65/000/008/0406/0410 SOURCE CODE: AUTHOR: Apa, L. (Engineer) 21 Ø ORG: State Planning Committee (Comitetul de Stat al Planificarii) TITLE: Considerations regarding the specific consumption of aluminium used for the deoxidation of steel intended for castings SOURCE: Metalurgia, no. 8, 1965, 406-410 TOPIC TAGS: cast steel, aluminum containing alloy ABSTRACT: The author analyzes the effect of the aluminum added for deoxidation purposes on the amount and form of the sulphides present in cast steels, and determines the optimal suggested aluminum proportion to assure castings of outstanding quality. Orig. art. has: 5 figures. [JPRS] SUB CODE: 11 / SUBM DATE: none / ORIG REF: 002 / OTH REF: 007 Card 1/1 BK UDC: 669.18.046.55:669.14.55

Vol 6 #3, Mar. 1951, Bul	s from insects during winter", p 78 (garia)	(KCOPEFATIVNG ZETTDELIE,
	Puropean Vol 2 #8	

APAHIDEANU, E.

Aspects of the economic development of Hungary. Problems econ 18 no.3:125-130 Mr '65.

USSR/Processes and Equipment for Chemical Industries - K-2 Control and Measuring Devices. Automatic Regulation.

Abs Cour : Ref Zhur - Khimiya, No 2, 1957, 7003

Author : Apakhov, A.I., Baleyev, A.V., Perevezentsev, I.G., Fialko

U.M.

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Title : Automatic Regulation of Preparation of Nitrogen Oxides

for Absorption in the Production of Sulfuric Acid by the

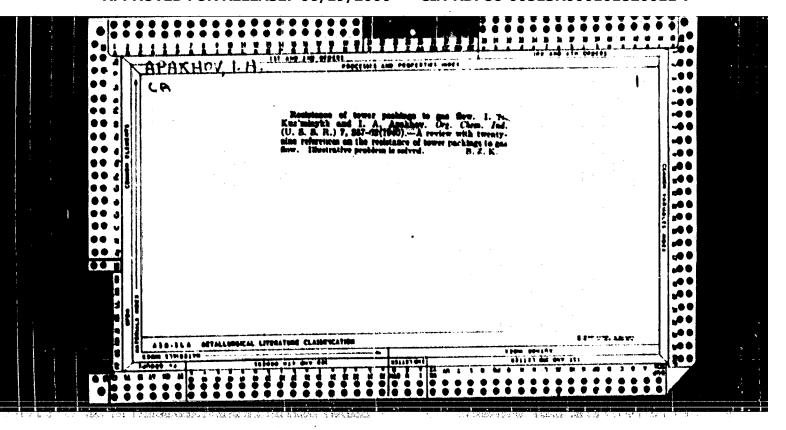
Tower Process.

Orig Pub : Khim. prom-st', 1955, No 8, 475-477

Abstract : It is pointed out that automatic regulation of prepara-

tion of nitrogen exides for absorption can be effected on the basis of NO₂ content of the gas after the last absorption tower. The NO₂ content is controlled by a photoelectric gas analyzer of continuous operation. In so doing the NO₂ content in the gas is set at such a concentration that only minimum losses of N₂ exides with

Card 1/2



AVERBUXH, T.D.; APAKHOV, I.A.; MAYDUROVA, O.V.; BAKINA, N.P.; ELINOVA, N.P.; BURBA, A.A.; AVDEYEVA, I.V.

Removal of sulfur from waste gases of copper and sulfur plants by the method of afterburning. Khim.prom. no.4:281-288 Ap '62.

(MIRA 15:5)

1. Ural'skiy nauchno-issledovatel'skiy khimicheskiy institut i Mednagorskiy medno-sernyy kombinat.

(Gases-Purification) (Sulfur oxides)

Translation from: Referativnyy zhurnal. Metallurgiya, 1959, Nr 1, 534 (USSR) SOV/137-34-1-277

AUTHORS: Apakhov, I. A., Volgin, B. P., Lyapustina, Ye. M., Andreyev, A. F.

TITLE: High-temperature Roasting of Pyrite Maintained in a Suspended [Fluidized] State (Vysokotemperaturnyy obzhig kolchedana vo

vzveshennom sostoyanii)

PERIODICAL: V sb.: Vopr. polucheniya sernist. gaza iz kolchedana i sery. Leningrad, Goskhimizdat, 1957, pp 71-78

ABSTRACT: The process of roasting of a flotation concentrate may be greatly enhanced if the surface area of the concentrate is increased by maintaining it in a suspended [fluidized] state at elevated temperatures (> 1000°C). The material injected into the furnace by blowing is preheated to a temperature approaching the temperature of fusion, a partial sintering of the material observed in the process being attributable to the collision of particles: the final formation of the sinter occurs on the bottom of the furnace. The sinter thus obtained contains only - 0.2% S and is well suited for blast-furnace smelting. Pilot-plant tests substantiated the possibility of employ-Card 1/2 ing this method of roasting, and, in 1953, an experimental-plant

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High-temperature Roasting of Pyrite Maintained in a Suspended (cont.)

furnace was designed on the basis of these tests. Pilot-plant experiments on roasting of material in a suspended state yielding a liquid end product, which was subsequently granulated, were conducted in a furnace 5.7 m high and 1.5 m in diameter; the experiments revealed the need for an additional supply of heat; this additional heat could be provided by means of combustion of fuel, preheating of air, or utilization of oxygen-enriched air, the latter alternative being the most advantageous.

A.P.

Card 2/2

APAKHOV, I.A.; KALYAZINA, V.S.; PARYLIS, E.Ya.; KLYUKINA, E.P.; POSTNIKOVA, A.V.; Prinimali uchastiye: BASHKIROVA, Ye.M.; NAZAROVA, A.K.; KOSTOUSOVA, A.S.

Improving the quality of contact sulfuric acid. Khim. prom.
41 no.10:745-746 0 '65.

(MIRA 18:11)

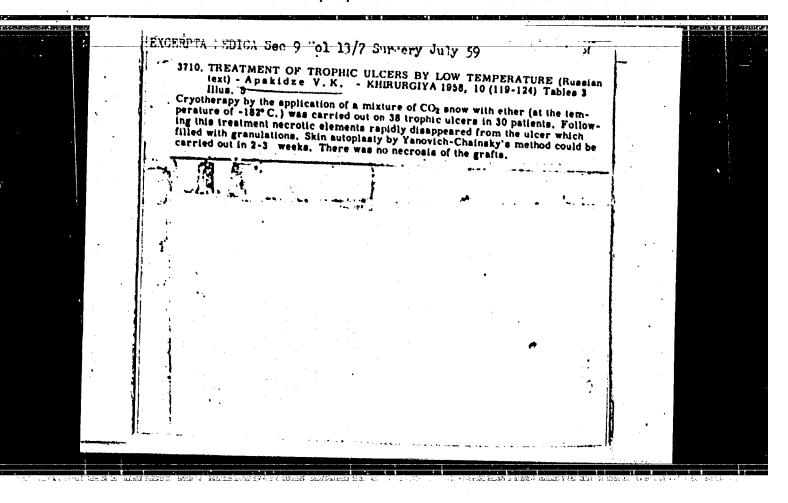
SAAKASHVILI, Mikhail Georgiyevich; GELASHVILI, Avtandil Petrovich;
SAKVARELIDZE, D.S., otv.red.; AKHVLEDIAHI, G.S., red.; TSULUKIDZE, A.P., red.; MELIKISHVILI, G.A., red.; ERISTAVI, K.D., red.;
MENTESHASHVILI, I.T., red.; TATISHVILI, I.Ya., red.; BERIDZE,
V.V., red.; APAKIDZE, A.M., red.; YAKIHOVA, A., tekhn.red.

[Illustrations to the history of medicine in Georgia; from ancient times to the 19th century] Illiustratsii k istorii meditainy Grusii; a dravneishikh vremen do XIX veka. Ibilisi, Gos.izd-vo "Sabchota Sakartvelo, " 1959. 127 p. (MIRA 13:9) (GEORGIA--MEDICINE)

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DESCRIPTION OF THE PROPERTY PR

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APAKIDZE, V.K.

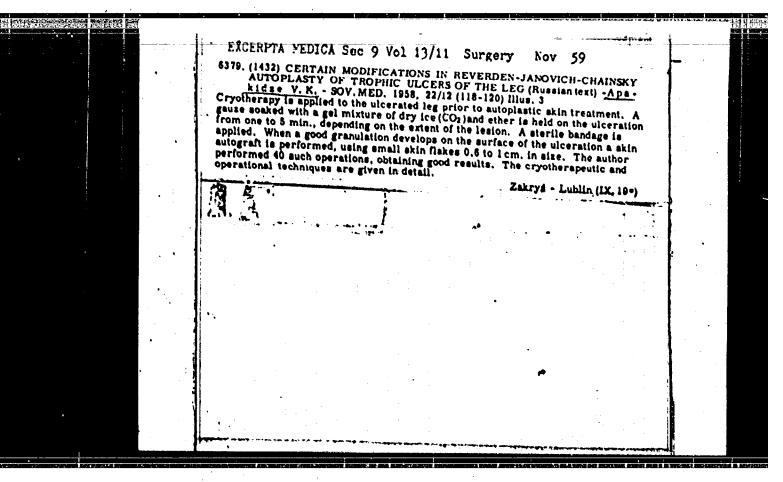
Importance of a cytological examination of the exudate in trophic ulcers of the shin. Sov.med. 22 no.11:126-127 N'58 (MIRA 11:11)

1. Is doroshnoy bol'nitsy imeni N.A. Semashko Moskovsko-Eurskoy shelesnoy dorogi (glavnyy Mirarg - prof. N.N. Eukin).

(1200, ulcer

trophic, cytol. of exudate (Rus))

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APAKIDEE, Y.K.

Extensive resection of the small intestine. Entrurgita 34 no.7:126-127
J1 '58 (MIRA 11:9)

1. Is doroshnoy bol'nitsy imeni Semashko (nachal'nik I.I. Ovchinnikov).
(INTESTINE, SMALL, surgery
massive resection (Rus))

APAKIDZE, V.K.

Homotransplantation of the pulmonary valves to the ascending portion of the aortic arch under experimental conditions.

Exeper.khir. 4 no.4:34-36 J1-Ag 159. (MIRA 12:11)

1. Is Instituta khirurgii imeni A.V.Vishnevskogo (dir. - deystvitel'nyy ohlen AMH SSSR prof.A.A.Vishnevskiy) AMH SSSR. (PULHOMARY VALVE transpl)
(AORTA transpl)

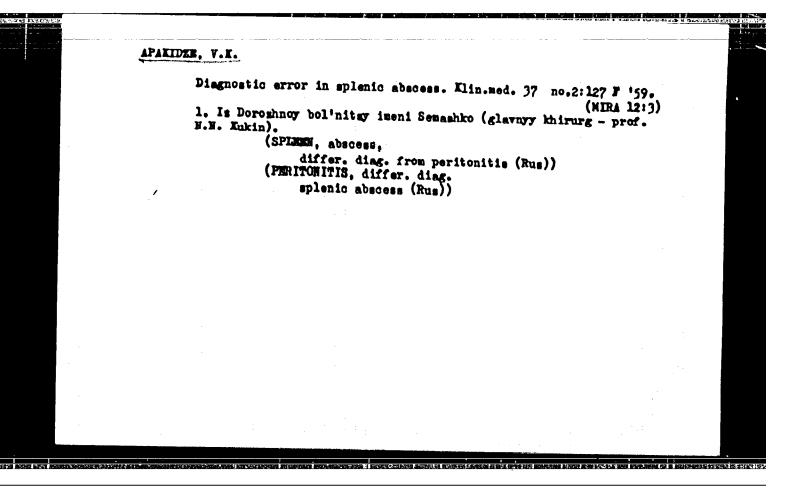


Report on the use of cryotherapy in neurodermatitis. West.

derm.1 ven. 33 no.6:65-67 N-D *59. (MIRA 13:12)

(SKIN-DISKASES-PSYCHOSOMATIC ASPECTS)

(COLD-THERAPEUTIC USE)



APAKIDZE, V.K.

Effect of cryotherapy on the erysipelatous process under experimental and clinical conditions. Klin.med. 37 no.8: 113-115 Ag '59. (MIRA 12:11)

1. Is Doroshnoy bol'nitsy im. Semashko (glavnyy khirurg - prof. N.W.Kukin).

(ERYSIPEIAS, therapy) (COLD, therapy)

APARIDZE, V.K. (Moskva) Effect of cryotherapy on bone tissue structure. Klin, med. 38 no.12:125-128 D '60. (MIRA 14:2) 1. Is Doroshnoy bol'nitsy imeni Semashko (nach. I.I. Ovchimnikov, glavnyy khirurg N.N. Kukin). (COLD—THERAPEUTIG USE) (BONES)

APAKIDZE, V. K. (Moskva)

Experimental basis for creating collateral circulation for the exclusion of the ascending aorta in plastic surgery of the aortic valve. Eksper. khir. i anest. no.2:33-36 '62.

(MIRA 15:6)

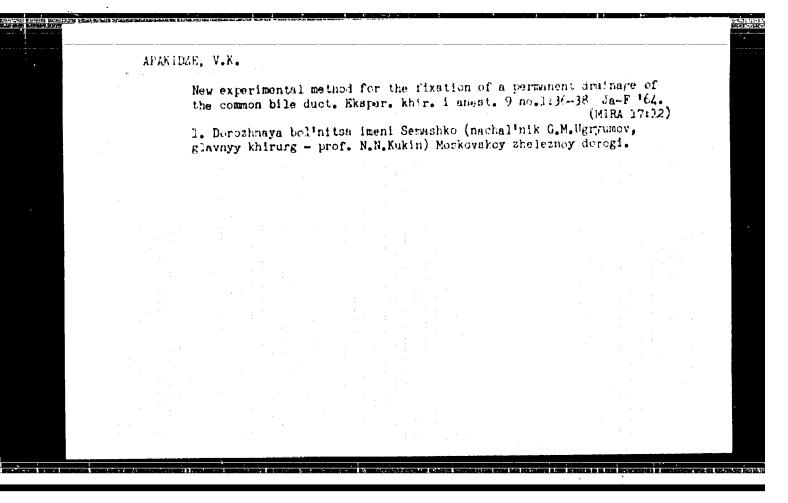
(ACRTIC VALVE—SURGERY)
(BLOOD—CIRCULATION, ARTIFICIAL)

APAKIDZE, V.K., kand. med. nauk

Indications for skin autoplasty and characteristics of the course of trophic ulcers containing Bacillus pyocyaneus and Proteus vulgaris. Khirurgiia 38 no.12:66-68 D '62. (MIRA 17:6)

1. Iz Dorozhnoy bol'nitsy imeni N.A. Semashko Moskovskoy zheleznoy dorogi (nachal'nik G.M. Ugryumov, glavnyy (khirurg - prof. N.N. Kukin).

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APAKIN, I.S., inshener; SHVARTSMAN, G.W., kandidat tekhnicheskikh nauk

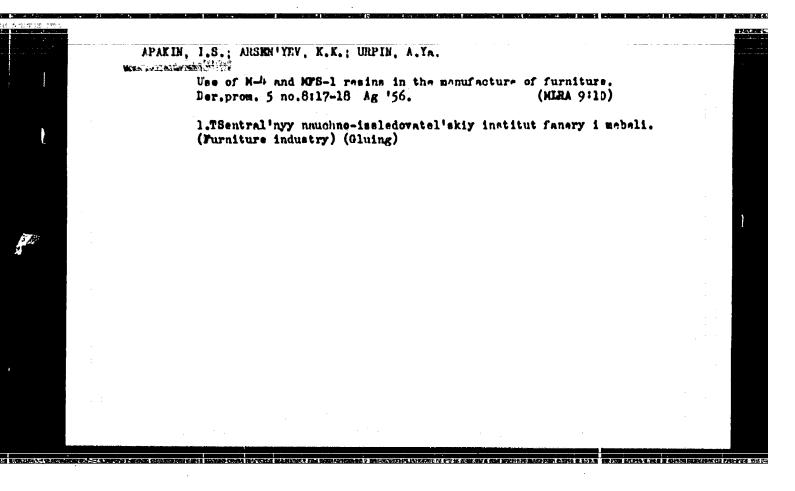
The use of waste wood panels im furniture manufacture. Der.prom. 4 no.6:5-7 Je 55. (MIRA 8:10)

1. TSentral'nyy nauchno-insledovatel'skiy institut famery i mebeli (Wood waste) (Furniture industry)

APAKIH, I.S., ARSEN'YKY, K.K.; SOKOLOVSKIY, P.M.

Organising work on hydraulic presses in furniture factories. Der. prem. 5 ne.4:5-6 Ap '56. (MRA 9:7)

1. TSentral nyy nauchne-issledevatel skiy institut fanery i mebeli.
(Furniture industry)



APAKIN, Ivan Sergeyevich, inzh.; HRIBANOV, Nikolay Nikolayevich; OGARKOV, T.L., red.; GRIGOR'YEVA, I.S., red.izd-va; BELOG ROVA, I.A., tekhn. red.

[Standardization of containers and packaging of food products]
Unifikatsiia tary i upakovki prodovol'stvennykh tovarov; iz opyta
leningradskoi promyshlennosti. Stenogramma lektsii. Leningrad,
1962. 18 p. (MIRA 15:12)

(Food industry—Packaging)

VERNER, Vladimir Vladimirovich, insh.; KHOVANSKIY, Leonid
Dmitriyevich, insh.; APAKIN, I.S., red.; FREGER, D.P.,
red.izd-va; GVIRTS, V.L., tekhn. red.

[Mechanisation of the production of wooden boxes] Mekhanizatsiia proizvodstva dereviannoi iashehachnoi tary; iz opyta raboty peredovykh tarnykh predpriiatii Upravleniia lesnoi promyshlennosti i lesnogo khoziaistva Leningradskogo sovnarkhoza. Leningrad, 1962. 35 p. (MIRA 16:7) (Leningrad Economic Region—Container industry)

APAKIN, I.S., inzh.; VERNER, V.V.

Uniformization and standardization of boxes. Der. prom. 12 no.11;4-5 N '63. (MIRA 17:1)

1. Byvsheye Spetsial'noye proyektno-konstruktbrakoye byuro Upravleniya mebel'noy i derevoobrabatyvayushchey promyshlennosti Soveta narodnogo khozyaystva Leningradskogo ekonomicheskogo rayona.

APAKOVA, M. S.

"Optimum Parameters of a Ventilating Current in the Removal of Dust from the Atmosphere of Underground Mines in the Explcitation of Gold-Ore Deposits." Sub 17 Dec 51, Moscow Inst of Nonferrous Metals and Gold imeni M. I. Kalinin.

Dissertations presented for science and engineering degrees in Moscow during 1951. SO: Sum. No. 480, 9 May 55.

APAKOVA, S.A. (Leningrad, nab. Fontanki, d.121, kv.47)

Association of abdominal trauma, with acute appendicitis.
Vest.knir. 81 no.10:127-128 0 158

1. Is fakul'tetskoy khirurgicheskoy kliniki Lenigradskogo sanitarno-giglyenicheskogo meditsinskogo instituta (sav. -prof. P.N. Napalkoy).

(ABDOMEN, wds & inj.
relation to pathogen of soute appendicits (Rus))

(APPENDICITIS, etiol & pathogen.
abdom. trauma (Rus))

APAKOVA, S. A.

Cand Med Sci - (diss) "Sparing incisions for access to the kidney basin and to the wreter during a calculous condition." Leningrad, 1961. 16 pp; (Leningrad State Order of Lenin Inst for Advanced Training of Physicians imeni S. M. Kirov); 250 copies; price not given; (KL, 7-61 sup, 256)

APAKOVA, S.A., assistent

Condition of the abdominal wall following operations on the kidney pelvis and ureters for calculi with the use of "conservative" approaches. Trudy IGMI 59:255-273 '60. (MIRA 14:9)

1. Fakul'tetskaya khirurgicheskaya klinika Leningradskogo sanitarnogigiyenicheskogo meditsinskogo instituta (sav. klinikoy - prof. P.N.Napalkov).

(CALCULI, URINARY) (ABDOMEN-SURGERY)

APAKOVA, S.A. (Leningrad, nab. reki Fontanki, d.121, kv.47)

GINA INSCRINCTION CONTINUES CONTINUES INSCRINT CONTINUES OF CONTINUES

Conservative dissections in surgery of calculi of the kidney pelvis and ureters. West.khir. 86 no.2:18-25 '61.

(MIRA 14:2)

l. Is fakul†tetskoy khirurgicheskoy kliniki (sav. - prof. P.N. Espalkov) Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta.
(GALGULI, URINARY)

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